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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/973,145

DATE: 08/27/2002

TIME: 10:49:18

Input Set : A:\06819-1.txt

Output Set: N:\CRF3\08272002\I973145.raw

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3 <110> APPLICANT: Rothschild, Kenneth J.
4      Gite, Sadanand
5      Olejnik, Jerzy
7 <120> TITLE OF INVENTION: N-Terminal and C-Terminal Markers in Nascent Proteins
9 <130> FILE REFERENCE: AMBER-06819
11 <140> CURRENT APPLICATION NUMBER: 09/973,145
12 <141> CURRENT FILING DATE: 2001-10-09
14 <150> PRIOR APPLICATION NUMBER: 09/382,950
15 <151> PRIOR FILING DATE: 1999-08-25
17 <160> NUMBER OF SEQ ID NOS: 18
19 <170> SOFTWARE: PatentIn version 3.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 11
23 <212> TYPE: DNA
24 <213> ORGANISM: Artificial Sequence
26 <220> FEATURE:
27 <223> OTHER INFORMATION: Synthetic
29 <220> FEATURE:
30 <221> NAME/KEY: misc_feature
31 <223> OTHER INFORMATION: Synthetic
34 <400> SEQUENCE: 1
35 gccagccatg g                                     11
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 13
40 <212> TYPE: RNA
41 <213> ORGANISM: Artificial Sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: Synthetic
46 <220> FEATURE:
47 <221> NAME/KEY: misc_feature
48 <222> LOCATION: (10)..(10)
49 <223> OTHER INFORMATION: The n at this position can be a, c, t, or g and can have an
integ
50      er of from 5 to 10.
53 <400> SEQUENCE: 2
W--> 54 uaaggaggun aug                                13
57 <210> SEQ ID NO: 3
58 <211> LENGTH: 17
59 <212> TYPE: PRT
60 <213> ORGANISM: Artificial Sequence
62 <220> FEATURE:
63 <223> OTHER INFORMATION: Synthetic
65 <220> FEATURE:
66 <221> NAME/KEY: misc_feature

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67 <223> OTHER INFORMATION: Synthetic
70 <400> SEQUENCE: 3
72 Trp Glu Ala Ala Ala Arg Glu Ala Cys Cys Arg Glu Cys Cys Ala Arg
73 1           5           10           15
76 Ala
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81 <211> LENGTH: 6
82 <212> TYPE: PRT
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Synthetic
88 <220> FEATURE:
89 <221> NAME/KEY: misc_feature
90 <223> OTHER INFORMATION: Synthetic
93 <400> SEQUENCE: 4
95 His His His His His His
96 1           5
99 <210> SEQ ID NO: 5
100 <211> LENGTH: 10
101 <212> TYPE: PRT
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Synthetic
107 <220> FEATURE:
108 <221> NAME/KEY: misc_feature
109 <223> OTHER INFORMATION: Synthetic
112 <400> SEQUENCE: 5
114 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu
115 1           5           10
118 <210> SEQ ID NO: 6
119 <211> LENGTH: 8
120 <212> TYPE: PRT
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Synthetic
126 <220> FEATURE:
127 <221> NAME/KEY: misc_feature
128 <223> OTHER INFORMATION: Synthetic
131 <400> SEQUENCE: 6
133 Asp Tyr Lys Asp Asp Asp Asp Lys
134 1           5
137 <210> SEQ ID NO: 7
138 <211> LENGTH: 8
139 <212> TYPE: PRT
140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: Synthetic
145 <220> FEATURE:
146 <221> NAME/KEY: misc_feature

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147 <223> OTHER INFORMATION: Synthetic
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152 Trp Ser His Pro Gln Phe Glu Lys
153 1 5
156 <210> SEQ ID NO: 8
157 <211> LENGTH: 9
158 <212> TYPE: PRT
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Synthetic
164 <220> FEATURE:
165 <221> NAME/KEY: misc_feature
166 <223> OTHER INFORMATION: Synthetic
169 <400> SEQUENCE: 8
171 Tyr Pro Tyr Asp Val Pro Asp Tyr Ala
172 1 5
175 <210> SEQ ID NO: 9
176 <211> LENGTH: 8
177 <212> TYPE: PRT
178 <213> ORGANISM: Artificial Sequence
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181 <223> OTHER INFORMATION: Synthetic
183 <400> SEQUENCE: 9
185 Met Trp Ser Pro Gln Phe Glu Lys
186 1 5
189 <210> SEQ ID NO: 10
190 <211> LENGTH: 111
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
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197 <220> FEATURE:
198 <221> NAME/KEY: misc_feature
199 <223> OTHER INFORMATION: Synthetic
202 <400> SEQUENCE: 10
203 gaattctaatacgcactacacataggggttaa ctttaagaag gagatataca tatggaacaa 60
205 aaattaatctcggaagagga tttggcagat tctgatatta atattaaaac c 111
208 <210> SEQ ID NO: 11
209 <211> LENGTH: 30
210 <212> TYPE: DNA
211 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:
214 <223> OTHER INFORMATION: Synthetic
216 <220> FEATURE:
217 <221> NAME/KEY: misc_feature
218 <223> OTHER INFORMATION: Synthetic
221 <400> SEQUENCE: 11
222 agcttcatta atgatggtga tgggtggtgac 30
225 <210> SEQ ID NO: 12

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233 <220> FEATURE:
234 <221> NAME/KEY: misc_feature
235 <223> OTHER INFORMATION: Synthetic
238 <400> SEQUENCE: 12
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241 ggatttgaatgtttctccat acaggtcacg ggga                                94
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245 <211> LENGTH: 51
246 <212> TYPE: DNA
247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <223> OTHER INFORMATION: Synthetic
252 <400> SEQUENCE: 13
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256 <210> SEQ ID NO: 14
257 <211> LENGTH: 5
258 <212> TYPE: PRT
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: Synthetic
264 <400> SEQUENCE: 14
266 Ala Val Tyr Lys Trp
267 1          5
270 <210> SEQ ID NO: 15
271 <211> LENGTH: 33
272 <212> TYPE: RNA
273 <213> ORGANISM: Artificial Sequence
275 <220> FEATURE:
276 <223> OTHER INFORMATION: Synthetic
278 <400> SEQUENCE: 15
279 auguacacua aacaugauga uauccgaaaa uga                                33
282 <210> SEQ ID NO: 16
283 <211> LENGTH: 10
284 <212> TYPE: PRT
285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: Synthetic
290 <400> SEQUENCE: 16
292 Met Tyr Thr Lys Asp His Asp Ile Arg Lys
293 1          5          10
296 <210> SEQ ID NO: 17
297 <211> LENGTH: 10
298 <212> TYPE: PRT
299 <213> ORGANISM: Artificial Sequence

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301 <220> FEATURE:
302 <223> OTHER INFORMATION: Synthetic
304 <400> SEQUENCE: 17
306 Lys Arg Ile Asp Asp His Lys Thr Tyr Met
307 1 5 10
310 <210> SEQ ID NO: 18
311 <211> LENGTH: 9
312 <212> TYPE: RNA
313 <213> ORGANISM: Artificial Sequence
315 <220> FEATURE:
316 <223> OTHER INFORMATION: Synthetic
318 <400> SEQUENCE: 18
319 uaaggaggu

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/973,145

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 10

VERIFICATION SUMMARY

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Input Set : A:\06819-1.txt

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L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0